

## Who can administer

Administration RESTRICTED - see [Appendix 1](#)

## Important information

- Unlicensed preparation

## Available preparations

Rivotril 1mg ampoule

## Reconstitution

### **Water for Injections (supplied)**

1mL to each 1mg vial

### **Draw up using a 5 micron filter needle**

## Infusion fluids

Sodium chloride 0.9% or Glucose 5%

## Methods of intravenous administration

### **Important: non-PVC containers must be used**

### **Slow intravenous injection into a large vein**

- Administer dose of 1mg (or less) via a large vein over at least 2 minutes
- Dilute with an equal volume of Water for Injection, immediately before administration (ref 1)
- Rate of injection must not exceed 0.5mg per minute

### **Intravenous infusion (administer using an electronically controlled infusion pump) (ref 1)**

- Prepare an infusion with a maximum concentration of 12micrograms/mL: add 1mg to 100mL (10micrograms/mL), or 3mg to 250mL (12micrograms/mL)
- Use **non-PVC infusion bags** (Ecoflac or Viaflo), and giving sets (Baxter VMC9606 or Braun 8700110SP), as the drug may be absorbed onto PVC containing bags/giving sets
- Administer at a maximum rate of 0.5mg/minute- adjusted according to patient response

## Dose in adults

### **Intravenous injection (status epilepticus)**

- Give 1 mg, repeated if necessary, to a total maximum of 20mg
- Maximum rate of clonazepam administration is 0.5mg per minute
- Administer via a **large vein** <sup>(ref 1)</sup> - can cause thrombophlebitis

### **Intravenous infusion (status epilepticus)**

- Give 1mg, repeated if necessary, to a total maximum of 20mg
- Administer via a **large vein** <sup>(ref 1)</sup> - can cause thrombophlebitis
- The manufacturers fail to mention over what time period the maximum dose applies to

### Hepatic impairment

- Avoid in severe liver impairment

### Renal impairment

- No dosage adjustment generally required, though some sources suggest starting with a low dose and adjusting according to response <sup>(ref 3)</sup>

## Monitoring

- Continuous monitoring of EEG, respiratory rate, and blood pressure is required
- Facilities for reversing respiratory depression with mechanical ventilation must be at hand

## Further information

- The injection solution contains benzylalcohol, alcohol, glacial acetic acid and propylene glycol

## Storage

Store below 25°C

## References

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(1) Injectable Medicines Administration Guide downloaded from Medusa 20/01/2023

(2) Martindale - accessed online 20/01/2023 (max dose)

(3) Renal drug database- accessed online 26/01/2023

## Therapeutic classification

Benzodiazepine